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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

**REGION 8**

**999 18<sup>TH</sup> STREET - SUITE 500**

**DENVER, CO 80202-2466**

**<http://www.epa.gov/region08>**

Ref: 8EPR-SR

February 15, 2000

Mr. Robert Litle  
Asarco Globe Plant  
495 East 51<sup>st</sup> Avenue  
Denver, CO 80216

RE: Vasquez Boulevard/ Interstate 70 NPL  
Site, Phase III Data

Dear Bob:

Enclosed please find electronic files of the sampling data from the Phase III Field Investigation for the Vasquez Boulevard/Interstate 70 Site. These files include all data collected during the period of August, 1999 -December, 1999 in accordance with the Phase III Field Investigation Project Plan. As you review the files please note the following:

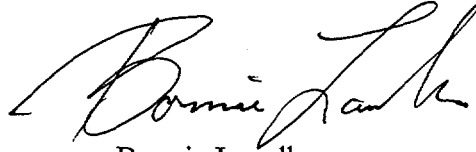
1. The data has been validated, data qualifiers are in columns separate from the numerical value.
2. We have included the calculation of the 95% upper confidence limit on the arithmetic mean (95 UCL) for the yard soil arsenic concentrations. Please note that in cases where the 95UCL for the yard is greater than the highest measured value, the exposure point concentration that will be used in the baseline risk assessment will be the highest measured value consistent with EPA guidance (OSWER Publication 9285.7-081, Supplemental Guidance to RAGS: Calculating the Concentration Term).
3. We have included the year of construction information that is available to EPA. You will note that this information is only available for a limited number of properties.
4. A few properties are designated as commercial. These are residential properties that have been acquired by the Colorado Department of Transportation.



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I have also enclosed a summary table of the Phase III field investigation for your information. As always, if you have any questions about this information, please call me at (303) 312-6579.

Sincerely,

A handwritten signature in black ink, appearing to read "Bonnie Lavelle". The signature is fluid and cursive, with the first name "Bonnie" written in a larger, more prominent script than the last name "Lavelle".

Bonnie Lavelle  
Remedial Project Manager

enclosures

# INITIAL PHASE III SAMPLING PROGRAM SUMMARY

	CLAYTON	COLE	ELYRIA	FIVE POINTS	GLOBE VILLE	SWANSEA	TOTAL
<b>PROPERTY ACCESS</b>							
Target Properties	1044	967	91	22	42	444	<b>2610</b>
Access Granted	661	609	48	14	22	219	<b>1573</b>
Access Granted, Not Sampled	25	6	0	0	0	0	<b>31</b>
Access Granted, Insufficient Area for Sampling	0	7	2	1	2	1	<b>13</b>
Sampled w/o Access	7	3	1	0	0	4	<b>15</b>
Access Denied	19	11	5	2	1	13	<b>51</b>
<b>PROPERTY SAMPLING</b>							
Residential Soil	644	603	47	14	22	220	<b>1550</b>
Schools	2	2	0	0	0	0	<b>4</b>
Parks	0	1	0	0	0	0	<b>1</b>
<b>TOTAL</b>	<b>646</b>	<b>606</b>	<b>47</b>	<b>14</b>	<b>22</b>	<b>220</b>	<b>1555</b>
Gardens	7	9	1	0	0	2	<b>19</b>
Indoor Dust	21	25	5	5	6	14	<b>76</b>

**INITIAL PHASE III FIELD ANALYTICAL  
PROGRAM SUMMARY**

Field Samples	5847
Blind Duplicates	254
Lab Duplicates	262
Blind Standards	152
Lab Control Samples	954
Instrument Blanks	412
Method Blanks	90
MDL Study Samples	194
Proficiency Samples	92
Variability Test Samples	72
Other Test Samples	118
<b>TOTAL</b>	<b>8447</b>